

TABLE 10

Loss of accuracy in matching if date of birth information was available and was not taken into account

(Number and percent)

| Characteristic | Steps 3–4 | | Steps 5–6 | |
|--|----------------|---------------|----------------|---------------|
| | Before filters | After filters | Before filters | After filters |
| Matches with month-year of birth information available | 41,485 | 24,120 | 47,916 | 24,105 |
| Matches with matching month-year of birth | 32,539 | 19,119 | 32,508 | 18,487 |
| Matches with wrong month-year of birth | 8,946 | 5,001 | 15,408 | 5,618 |
| Loss of accuracy compared to steps 1–2 (%) | 21.56 | 20.73 | 32.16 | 23.31 |

AY = academic year; UMETRICS = Universities: Measuring the Impacts of Research on Innovation, Competitiveness, and Science.

Source(s):

National Center for Science and Engineering Statistics, Survey of Earned Doctorates, AYs 2014–17; Institute for Research on Innovation and Science, UMETRICS, 2020 release data.